



SUBURBAN LABORATORIES, Inc.

4140 Litt Drive • Hillside, Illinois 60162-1183
Tel. (708) 544-3260 • Toll Free (800) 783-LABS • Fax (708) 544-8587

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171026

FINAL REPORT OF LABORATORY ANALYSIS LEVEL I REPORT

Arrow Gear
2301 Curtiss Street
Downers Grove, IL 60515

Attention: Pam Vermeulen

Reported: February 3, 1998
SLI Order #: S801481
Project ID.: CREEK WATER DISCHARGE
P.O. #: A89946 Acct# 562411
Samples Received: 01/26/98
Collected By: CLIENT

Sample ID:	CREEK WATER DISCHARGE	Type:	WATER	Collected:	01/21/98	SLI #:	012
PARAMETER		RESULT	UNITS	SLI LIMIT	ANALYZED	BY	METHOD
Metals Digestion-ICP/FLAA		02/02/98				WC	200.7/3005A
Copper, Total		<0.010	mg/l	0.010	02/02/98	WC	200.7/6010A

COMMENTS

SLI LIMIT: The lowest concentration that can be reliably achieved within specified requirements of precision and accuracy during routine laboratory operating conditions. Limit may also represent a project specific reporting level.

NOTE: All results reported in wet weight unless otherwise indicated. (DW = Dry Weight) Please refer to glossary for abbreviations and definition. This report consists of this final report of laboratory analysis, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

Report Reviewed By:

Reported By: CYNTHIA

(Last Page)

REV 03/20/97 RL1
Verified By: CP



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FINAL REPORT OF LABORATORY ANALYSIS LEVEL I REPORT

Arrow Gear
2301 Curtiss Street
Downers Grove, IL 60515

Attention: Harry Hartzell

Reported: December 30, 1997
SLI Order #: S712556
Project ID.: WATER SAMPLES
P.O. #: A89946 Acct# 562411
Samples Received: 12/19/97
Collected By: CLIENT-P.V.

Sample ID:	COPPER STRIP	Type:	WATER	Collected:	12/19/97	11:50	SLI #:	0:
PARAMETER		RESULT	UNITS	SLI LIMIT	ANALYZED	BY	METHO	
Metals Digestion-IOP/FLAA		12/28/97				WC	200.7/3005	
Copper, Total		30200	mg/l	0.010	12/29/97	WC	200.7/601C	
Sample ID:	OUTFALL-CREEK WATER	Type:	WATER	Collected:	12/19/97	11:50	SLI #:	02
PARAMETER		RESULT	UNITS	SLI LIMIT	ANALYZED	BY	METHO	
Oil & Grease		5	mg/l	1	12/29/97	DH	EPA 166	

COMMENTS

SLI LIMIT: The lowest concentration that can be reliably achieved within specified requirements of precision and accuracy during routine laboratory operating conditions. Limit may also represent a project specific reporting level.

NOTE: All results reported in wet weight unless otherwise indicated. (DW = Dry Weight) Please refer to glossary for abbreviations and definition. This report consists of this final report of laboratory analysis, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

Report Reviewed By:

Richard Chung 12/30/97

Reported By: CYNTHIA

(Last Page)

REV 03/20/97 RL1
Verified By: CP

$$30.2 \text{ gm/L} \times 0.03527 = 1.07 \text{ oz./L} \times 1.0567 = 1.13 \text{ oz./QT} \times 4 \\ 4.52 \text{ oz./gal.}$$

ARROW GEAR CO.
2301 Curtiss Street
DOWNERS GROVE, ILLINOIS 60515

Show this Purchase Order Number
on all correspondence, invoices,
shipping papers and packages.

M 09087

(630) 969-7640 Fax (630) 969-0253

TO SUBURBAN LABORATORY, INC.
4140 LITT DRIVE
HILLSIDE, ILL 60162-1183

708-544-3260

DATE 12-18-97	REQUISITION NO.
SHIP TO	

REQUISITIONED BY QTY. ORDERED	WHEN SHIP QTY. RECEIVED	SHIP VIA F.O.B. POINT	TERMS	UNIT PRICE	TOTAL
> H. HARTZEL	12-19-97	Then Pick-up	590-721		
1		ANALYTICAL SERVICE FOR:			
		FAT-OIL-GREASE (FOG)		25 00	25 00
		CORNER		25 00	25 00
		S.L. PICK-UP CHARGE		15 00	15 00
		SAMPLE TAKEN 12-17-97			
		REFRIGERATED @ 18:30 PM			
		12-17-97			
		PART OF SEMI-ANNUAL NPDES			
		PERMIT TO DISCHARGE REQUIREMENT			
		SAMPLE I.D. DISCHARGE TO CREEK			
		SAMPLE TYPE - WATER			
		5:00 PM 11:50			

1. Please send _____ copies of your invoice.
2. Order is to be entered in accordance with prices, delivery and specifications shown above
3. Notify us immediately if you are unable to ship as specified

Authorized By
[Signature]

ORIGINAL

ARROW GEAR CO.
2301 Curtiss Street
DOWNERS GROVE, ILLINOIS 60515

Show this Purchase Order Number
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M 09175

(630) 969-7640 Fax (630) 969-0253

TO
SUBURBAN LABORATORIES, INC.
4140 LITT DRIVE
HILLSIDE, IL 60162-1183

DATE 1-21-98	REQUISITION NO.
SHIP TO LATE - PICKED UP 1-20-98 / M	

ATTN: JASON THOMAS

REQUISITIONED BY QTY. ORDERED	WHEN SHIP QTY. RECEIVED	SHIP VIA S.L. - P.U.	F.O.B. POINT	TERMS
1		ANALYTICAL SERVICE FOR:		
		COPPER		\$ 25.00
		S.L. PICKUP CHARGE		-0-
		SAMPLE TAKEN 1-21-98		
		PART OF SEMI-ANNUAL NPDES PERMIT TO DIS- CHARGE REQUIREMENT.		
		SAMPLE I.D. - DISCHARGE TO CREEK		
		SAMPLE TYPE - WATER		
		EJ Elwood Goble		

1. Please send _____ copies of your invoice.
2. Order is to be entered in accordance with prices, delivery and specifications shown above.
3. Notify us immediately if you are unable to ship as specified.

Michael G. Conner
AUTHORIZED BY

ORIGINAL

SUBURBAN LABORATORIES, Inc.

4140 Litt Drive Hillside, IL 60162-1183

Phone: (708) 544-3260

Fax: (708) 544-8587

Toll Free: (800) 783-LABS

e-mail: SubLabsInc@aol.com

CHAIN OF CUSTODY RECORD

Page () of ()

Company Name ARROW GEM CO.		TURNAROUND TIME REQUESTED <input type="checkbox"/> Normal <input type="checkbox"/> RUSH* *If RUSH, Date Needed: 1 1	ANALYSIS & METHOD REQUESTED		Report Form
Company Address 2301 CENTISS ST					PO No.
City State Zip Downers Grove IL 60515		Are any of the samples for compliance monitoring purposes, or being reported to a regulatory agency? <input type="checkbox"/> Yes* <input type="checkbox"/> No *If Yes, please specify.			Shipping Method:
Phone Fax 630-969-7640					Airbill No.
Project Name / Number Copper Strip		Are Samples Hazardous? <input type="checkbox"/> Yes <input type="checkbox"/> No			LAB USE ONLY
Project Manager (Report to) Sam Vanneman					Order No.
Sample Collector(s) Sam Vanneman				Order Reference	

SAMPLE IDENTIFICATION	COLLECTION		MATRIX	GRAB/COMP.	CONTAINERS		PRESERVATIVE TYPE	N	R	CONDITION CODE	SU No.
	DATE	TIME			Qty	TYPE					
Copper Strip	12/19/97	1150	W	GMB	1	Q1	NH10				1
OUTFALL CK Water	1 1	1	1	1	1	Q1	NH10				2
	1 1										
	1 1										
	1 1										
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GLOSSARY: MATRIX = Drinking Water(DW), Water (W), Soil(S), Sludge(U), Wipe(P), Other(O), Grab(G), Composite(C) CONTAINER = 40ml Vial(A), 2oz(B), 4oz(C), 8oz(D), 500ml(E), 1L(H), Glass(G), Plastic(P), Brass Tube(T) PRESERVATION = HCl(1), HNO₃(2), H₂SO₄(3), NaOH(4), MeOH(5), Sodium Thiosulfate(6), Other(O) TEMPERATURE = Received in Ice (ROI), Not Received on Ice(NRI) GENERAL = Not Applicable(N/A), Accept(A), Reject(R) CONDITION = Improper container/cap(1), Improper preservation(2), Damaged container/cap(3), Insufficient sample volume(4), Headspace/air bubbles(5), Received past holding time(6), Received frozen(7), Label conflicts with COC(8)

COMMENTS & SPECIAL INSTRUCTIONS:
Report was combined - bi-monthly copper strip with bi-annual NPDES requirement - should not have been combined!
Mail invoice to same location as report? ☐ Yes ☐ No (If no, please specify location to mail invoice)

Relinquished By: Sam Vanneman	Date: 12-19-97	Relinquished By: E Y	Date: 12-19-97	Relinquished By:	Date:
Time: 11:50	Received By:	Time: 11:50	Received By:	Time: 2:55	Received By:

OUT CHAIN OF CUSTODY RECORD COMPLETELY!

White - Original (Return with report), Yellow - Lab Copy, Pink - Sampler Copy